

Title (en)  
OPTICAL SYSTEMS FOR REFLECTIVE LCD'S

Title (de)  
OPTISCHE SYSTEME FÜR REFLEKTIERENDE FLÜSSIGKRISTALL-ANZEIGEN

Title (fr)  
SYSTEMES OPTIQUES POUR AFFICHEURS A CRISTAUX LIQUIDES REFLECHISSANTS

Publication  
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Application  
**EP 00925920 A 20000410**

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Abstract (en)  
[origin: WO0063738A1] Optical systems for use with reflective LCDs (8, 9, 32, 34, 36) are provided. The systems include a polarization beam splitter (5) which can be composed of polarization beam splitting cubes (26A-26D) having sheet polarizers (30) and/or half wave plates (28) at their mating surfaces. By orienting the half wave plates so that they convert S polarization to P polarization and P polarization to S polarization, the polarization beam splitter can provide a high contrast ratio at a viewing screen between light from the "on" and "off" pixels of the reflective LCDs.

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**G02B 27/28**

IPC 8 full level  
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